

U. S. Patent Application No. 09/316,651
Amendment Dated June 16, 2004
Response to Final Office Action dated April 8, 2004
Express Mail Label No. EL985153432US

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

330. (Previously Presented) A monitoring system monitoring food present in at least one serving or storage container, said monitoring system comprising:

a sensing subsystem including at least one sensing device generating at least one data stream, said at least one sensing device adapted to be disposed in said at least one serving or storage container having food; and

a processing subsystem receiving and processing said at least one data stream, wherein said processing subsystem includes a memory having an indexed hierarchical data storage structure including at least one device index tree indexed by a device identifier and by date stamp data, and wherein said processing subsystem is adapted to encrypt said data stream and write said encrypted data stream to said indexed hierarchical data storage structure indexed by said device identifier and by said date stamp data.

331. (Previously Presented) The monitoring system of claim 330, wherein said at least one sensing device comprises a temperature sensor.

332. (Previously Presented) The monitoring system of claim 330, wherein said at least one sensing device comprises a seismic sensor.

333. (Previously Presented) The monitoring system of claim 330, wherein said at least one sensing device comprises a pressure sensor.

334. (Previously Presented) The monitoring system of claim 330, wherein said at least one sensing device comprises an airflow sensor.

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335. (Previously Presented) The monitoring system of claim 330, wherein said at least one sensing device comprises a weight sensor.

336. (Previously Presented) The monitoring system of claim 330, wherein said sensing subsystem includes a plurality of portable sensing devices, wherein said plurality of portable sensing devices are disposed so that each of a plurality of serving or storage containers has disposed therein at least one of said plurality of portable sensing devices.

337. (Previously Presented) The monitoring system of claim 330, wherein said sensing subsystem includes a plurality of portable sensing devices and a central transmitter, wherein said central transmitter is in communication with each of said plurality of portable sensing devices, and wherein said central transmitter is further in communication with said processing subsystem.

338. (Currently Amended) A monitoring system monitoring food present in at least one serving or storage container, said monitoring system comprising:

a sensing subsystem including at least one sensing device generating at least one data stream, said at least one sensing device adapted to be disposed in said at least one serving or storage container having food; and

a processing subsystem receiving and processing said at least one data stream, wherein said sensing subsystem is adapted so that sensing devices can be added to or deleted from said sensing subsystem, wherein said processing subsystem includes a display, and wherein said processing system subsystem is adapted to output on said display graphical indicia indicating each of said sensing devices connected to said system.

339. (Previously Presented) The monitoring system of claim 338, wherein said at least one data stream includes an identifier.

340. (Previously Presented) The monitoring system of claim 338, wherein said sensing subsystem includes a plurality of portable sensing devices, wherein said plurality of

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portable sensing devices are disposed so that each of a plurality of serving or storage containers has disposed therein at least one of said plurality of portable sensing devices.

341. (Previously Presented) The monitoring system of claim 338, wherein said at least one sensing device is adapted to be in contact with food.

342. (Previously Presented) The monitoring system of claim 338, wherein said sensing subsystem includes a plurality of portable sensing devices and a central transmitter, wherein said central transmitter is in communication with each of said plurality of portable sensing devices, and wherein said central transmitter is further in communication with said processing subsystem.

343. (Previously Presented) The monitoring system of claim 338, wherein said at least one sensing device is a portable sensing device comprising a temperature sensor.

344. (Previously Presented) The monitoring system of claim 338, wherein said at least one sensing device comprises an airflow sensor.

345. (Previously Presented) The monitoring system of claim 338, wherein said at least one sensing device comprises first and second sensing devices, each generating a data stream so that said at least one data stream includes at least one data stream from each of said first and second sensing devices, wherein said processing subsystem is configured to at least one of time or date stamp at least one data stream from said first sensing device and at least one data stream from said second sensing device.

346. (Previously Presented) The monitoring system of claim 338, wherein said at least one sensing device comprises a weight sensor.

347. (Previously Presented) The monitoring system of claim 338, wherein said at least one sensing device is a portable device in a form of a fork, knife, or spoon.

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348. (Previously Presented) The monitoring system, of claim 338, wherein said system is configured so that said sensing device is a portable sensing device adapted to wirelessly transmit said at least one data stream to said processing subsystem.

349. (Previously Presented) The monitoring system of claim 338, wherein said at least one sensing device comprises first and second portable sensing devices, each generating a data stream so that said at least one data stream includes at least one data stream from each of said first and second portable sensing devices, wherein said processing subsystem is configured to compress at least one data stream from said first sensing device and at least one data stream from said second sensing device.

350. (Previously Presented) The monitoring system of claim 338, wherein said at least one sensing device comprises first and second sensing devices, each generating a data stream so that said at least one data stream includes at least one data stream from each of said first and second sensing devices, wherein said processing subsystem is configured to determine whether a data stream received therein corresponds to a sensing device which is newly added to said system.

351. (Currently Amended) A monitoring system monitoring food present in at least one serving or storage container, said monitoring system comprising:

a sensing subsystem including at least one sensing device generating at least one data stream, said at least one sensing device adapted to be disposed in said at least one serving or storage container having food; and

a processing subsystem receiving and processing said at least one data stream, wherein said sensing subsystem is adapted so that sensing devices can be added to or deleted from said sensing subsystem, wherein said at least one sensing device comprises a plurality of sensing devices currently logging data, wherein said processing subsystem includes a display and a memory, and wherein said processing system subsystem is adapted to output on said display graphical indicia indicating each of said sensing devices which is currently logging data.

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352. (Previously Presented) The monitoring system of claim 351, wherein said at least one sensing device comprises first and second sensing devices, each generating a data stream so that said at least one data stream includes at least one data stream from each of said first and second sensing devices, wherein said first and second sensing devices are configured so that at least one data stream from said first sensing device and at least one data stream from said second device include data corresponding to an identifier.

353. (Previously Presented) The monitoring system of claim 351, wherein said sensing subsystem includes a plurality of sensing devices, wherein said plurality of sensing devices are disposed so that each of a plurality of serving or storage containers has disposed therein at least one of said plurality of sensing devices.

354. (Previously Presented) The monitoring system of claim 351, wherein said sensing subsystem includes a plurality of portable sensing devices and a central transmitter, wherein said central transmitter is in communication with each of said plurality of portable sensing devices, and wherein said central transmitter is further in communication with said processing subsystem.

355. (Previously Presented) The monitoring system of claim 351, wherein said at least one sensing device comprises a cooking utensil incorporating a temperature sensor.

356. (Previously Presented) The monitoring system of claim 351, wherein said at least one sensing device comprises first and second sensing devices, each generating a data stream so that said at least one data stream includes at least one data stream from each of said first and second sensing devices, wherein said processing subsystem is configured to determine whether a data stream received therein corresponds to a sensing device which is newly added to said system.

357. (Previously Presented) The monitoring system of claim 351, wherein said at least one sensing device comprises first and second sensing devices, each generating a data

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stream so that said at least one data stream includes at least one data stream from each of said first and second sensing devices, wherein said processing subsystem is configured to time or date stamp at least one data stream from said first sensing device and at least one data stream from said second sensing device.

358. (Previously Presented) The monitoring system of claim 351, wherein said at least one sensing device comprises a pressure sensor.

359. (Previously Presented) The monitoring system, of claim 351, wherein said system is configured so that said at least one sensing device is a portable sensing device adapted to wirelessly transmit said at least one data stream.

360. (Previously Presented) The monitoring system of claim 351, wherein said at least one sensing device comprises first and second portable sensing devices, each generating a data stream so that said at least one data stream includes at least one data stream from each of said first and second portable sensing devices, wherein said processing subsystem is configured to compress at least one data stream from said first sensing device and at least one data stream from said second sensing device.

361. (Previously Presented) The monitoring system of claim 351, wherein said at least one sensing device is a portable device including a temperature sensor.

362. (Previously Presented) A monitoring system monitoring food present in at least one serving or storage container, said monitoring system comprising:

a sensing subsystem including at least one sensing device generating at least one data stream, said at least one sensing device adapted to be disposed in said at least one serving or storage container having food; and

a processing subsystem receiving and processing said at least one data stream, wherein said processing subsystem includes a display and a memory, wherein said processing subsystem is adapted to execute a polling routine wherein said processing

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subsystem analyzes the content of data in said memory to determine the identity of each sensing device included in said system, and to determine which of said sensing devices are currently logging data, wherein said processing subsystem is adapted to output on said display graphical indicia responsive to said polling routine indicating each of said sensing devices which has been connected to said system, and to further output on said display a logging icon for each device which is currently logging data.

363. (Previously Presented) The monitoring system of claim 362, wherein said at least one sensing device is a cooking utensil incorporating a sensor.

364. (Previously Presented) The monitoring system claim 362, wherein said at least one sensing device is provided by a probe having an elongated hollow pin section, said elongated hollow pin section incorporating a sensor.

365. (Previously Presented) The monitoring system of claim 362, wherein said at least one sensing device is a portable device including a temperature sensor.

366. (Previously Presented) A monitoring system monitoring food present in at least one serving or storage container, said monitoring system comprising:

a sensing subsystem including at least one sensing device generating at least one data stream, said at least one sensing device adapted to be disposed in said at least one serving or storage container having food; and

a processing subsystem nonintegral with said at least one sensing device receiving and processing said at least one data stream,

wherein said at least one data stream includes an identifier and sensor data, and wherein said sensing device is a cooking utensil incorporating a sensor.

367. (Previously Presented) The monitoring system of claim 366, wherein said identifier identifies a sensing device.

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368. (Previously Presented) The monitoring system of claim 366, wherein said identifier identifies a sensing device type.

369. (Previously Presented) The monitoring system of claim 366, wherein said sensor-incorporating utensil is a fork.

370. (Previously Presented) The monitoring system of claim 366, wherein said sensor-incorporating utensil is a spoon.

371. (Previously Presented) The monitoring system of claim 366, wherein said sensor-incorporating utensil is a knife.

372. (Previously Presented) The monitoring system of claim 366, wherein said sensor-incorporating utensil is a ladle.

373. (Previously Presented) The monitoring system of claim 366, wherein said at least one sensing device is a portable device including a battery and wherein said at least one data stream includes a battery power level indicator.

374. (Currently Amended) The monitoring system of claim 366, wherein said ~~processor processing~~ subsystem includes a display, and wherein said ~~processor processing~~ subsystem is adapted to display on said display said sensor data generated by said at least one sensing device.

375. (Currently Amended) A monitoring system monitoring food present in at least first and second serving or storage containers, said monitoring system comprising:

a sensing subsystem including [[a]] first sensing device generating a first at least one data stream, and [[a]] second sensing ~~device~~ device generating first and [[a]] second at least one data streams stream, said first sensing device adapted to be disposed in said first serving

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or storage container having food, said second sensing device adapted to be disposed in said second serving or storage container; and

a processing subsystem receiving and processing said first at least one data stream and said second at least one data streams stream,

wherein said first and second sensing devices are cooking utensils incorporating sensors.

376. (Currently Amended) The monitoring system of claim 375, wherein said processing subsystem includes a display, wherein said first at least one data stream and said second at least one data streams stream include sensor data, and wherein said processing system subsystem displays an alarm indicia on said display if said sensor data of one of said first at least one data stream or said second at least one data streams stream satisfies a predetermined criteria.

377. (Currently Amended) The monitoring system of claim 375, wherein said processing subsystem includes a display, wherein at least one of said first at least one data stream and said second at least one data streams stream includes sensor data, and wherein said processing subsystem displays on said display a graph in which said sensor data of at least one of said first and second bit said first at least one data stream and said second at least one data streams stream is plotted over time.

378. (Currently Amended) The monitoring system of claim 375, wherein said processing subsystem includes a display, wherein said first at least one data stream and said second at least one data streams stream include sensor data, and wherein said processing subsystem displays on said display, for a specific time period specified by a user, a first graph in which sensor data is plotted over time for said first sensing device, and a second graph in which sensor data is plotted over time for said second sensing device.

379. (Previously Presented) The monitoring system of claim 375, wherein said processing subsystem is adapted to at least one of time stamp or date stamp received data.

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380. (Currently Amended) A monitoring system monitoring food present in at least one serving or storage container, said monitoring system comprising:

a sensing subsystem including at least one sensing device generating at least one data stream, said at least one sensing device adapted to be disposed in said at least one serving or storage container having food; and

a processing subsystem nonintegral in wireless communication with said at least one sensing device wirelessly receiving and processing said at least one data stream,

wherein said at least one data stream includes an identifier and sensor data, and wherein said at least one sensing device is adapted to be inserted into food.

381. (Previously Presented) The monitoring system of claim 380, wherein said at least one sensing device is a cooking utensil incorporating a sensor.

382. (Previously Presented) The monitoring system of claim 380, wherein said at least one sensing device is provided by a probe having an elongated hollow pin section, said elongated hollow pin section incorporating a sensor.

383. (Previously Presented) The monitoring system of claim 380, wherein said sensing subsystem includes a plurality of sensing devices, wherein said plurality of sensing devices are disposed so that each of a plurality of serving or storage containers has disposed therein at least one of said plurality of sensing devices.

384. (Previously Presented) The monitoring system of claim 380, wherein said at least one sensing device is a portable device including a battery, wherein said at least one data stream includes battery power level data, wherein said processing subsystem includes a display, and wherein said processing subsystem displays on said display battery power level data indicating a battery power level of said at least one sensing device.

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385. (Currently Amended) The monitoring system of claim 380, wherein said ~~processor~~ processing subsystem includes a display, and wherein said ~~processor~~ processing subsystem is adapted to display on said display said data generated by said at least one sensing device.

Claims 386-392 (Cancelled without prejudice or disclaimer).

393. (Currently Amended) A monitoring system monitoring food stored in at least one serving or storage container, said monitoring system comprising:

a sensing subsystem including at least one sensing device continuously generating ~~at least one~~ data stream data, said at least one sensing device adapted to be disposed in said at least one serving or storage container having food; and

a processing subsystem nonintegral with said at least one sensing device continuously receiving and processing data of said ~~at least one~~ data stream data,

wherein said ~~at least one~~ data stream data includes an identifier and sensor data, and wherein said sensing device is provided by a probe having an elongated hollow pin section, said elongated hollow pin section incorporating a sensor.

394. (Previously Presented) The monitoring system of claim 393, wherein said sensing subsystem includes a plurality of sensing devices, wherein said plurality of sensing devices are disposed so that each of a plurality of serving or storage containers has disposed therein at least one of said plurality of sensing devices.

395. (Previously Presented) The system of claim 393, wherein said identifier identifies a sensing device.

396. (Previously Presented) The system of claim 393, wherein said identifier identifies a sensing device type.

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397. (Previously Presented) The system of claim 393, wherein said identifier identifies a container.

398. (Currently Amended) The monitoring system of claim 393, wherein said at least one sensing device is a portable device including a battery and wherein said ~~at least one~~ data stream data includes a battery power level indicator.

Claims 399-403 (Cancelled without prejudice or disclaimer)

404. (Previously Presented) A monitoring system monitoring food present in at least one serving or storage container, said monitoring system comprising:

a sensing subsystem including at least one sensing device generating at least one data stream, said at least one sensing device adapted to be disposed in said at least one serving or storage container having food; and

a processing subsystem nonintegral with said at least one sensing device receiving and processing said at least one data stream,

wherein said at least one data stream includes an identifier, and wherein said at least one sensing device incorporates a seismic sensor.

405. (Currently Amended) The monitoring system of claim 404, where said sensing subsystem includes a first portable sensor device incorporating a seismic sensor and generating a first data stream, and a second portable sensor device also incorporating a seismic sensor and generating a second data stream, and wherein said ~~processor~~ processing subsystem receives and processes said first and second data streams.

406. (Previously Presented) The monitoring system of claim 404, wherein said at least one sensing device is adapted to be inserted into food.

407. (Previously Presented) The system of claim 404, wherein said sensor device is a cooking utensil incorporating a sensor.

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408. (Previously Presented) The monitoring system of claim 404, wherein said at least one sensing device is a portable device including a battery and wherein said at least one data stream includes a battery power level indicator.

409. (Previously Presented) A monitoring system monitoring food present in at least one serving or storage container, said monitoring system comprising:

a sensing subsystem including at least one sensing device generating at least one data stream, said at least one sensing device adapted to be disposed in said at least one serving or storage container having food; and

a processing subsystem nonintegral with said at least one sensing device receiving and processing said at least one data stream,

wherein said at least one data stream includes an identifier, and wherein said at least one sensing device includes a pressure sensor.

410. (Currently Amended) The monitoring system of claim 409, where said sensing subsystem includes a first portable sensor device incorporating a pressure sensor and generating a first data stream, and a second portable sensor device also incorporating a pressure sensor and generating a second data stream, and wherein said ~~processor~~ processing subsystem receives and processes said first and second data streams.

411. (Previously Presented) The system of claim 409, wherein said at least one data stream includes an identifier identifying said sensing device.

412. (Previously Presented) The system of claim 409, wherein said at least one sensing device is a cooking utensil incorporating a sensor.

413. (Previously Presented) The monitoring system of claim 409, wherein said at least one sensing device is a portable device including a battery, and wherein said at least one data stream includes battery power level data.

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414. (Currently Amended) The monitoring system of claim 409, wherein said processor processing subsystem includes a display, and wherein said processor processing subsystem is adapted to display on said display data generated by said at least one sensing device.

415. (Currently Amended) A monitoring system monitoring food stored in first and second serving or storage containers, said monitoring system comprising:

a sensing subsystem including [[a]] first sensing device generating a first at least one data stream and [[a]] second sensing device generating first and [[a]] second at least one data streams stream, said first and second sensing devices device adapted to be disposed in said [[at]] first at least one serving or storage container storing food[;] [[.]] said second sensing device adapted to be disposed in said second at least one serving or storage container and

a processing subsystem receiving and processing said first at least one data stream and [[a]] second at least one data streams stream,

wherein said first at least one data stream and said second at least one data streams stream include sensor data and identifier data, and wherein said processing subsystem is configured to compress at least one of said first at least one data stream and said second at least one data streams stream.

416. (Currently Amended) The monitoring system of claim 415, wherein said processing subsystem wirelessly receives said first at least one data stream and said second at least one data streams stream.

417. (Previously Presented) The monitoring system of claim 415, wherein said first and second sensing devices are adapted to contact food.

418. (Previously Presented) The monitoring system of claim 415, wherein said first and second sensing devices include temperature sensors.

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419. (Currently Amended) The monitoring system of claim 415, wherein said monitoring system is adapted to at least one of time stamp or date stamp said first at least one data stream and said second at least one data streams stream.

420. (Previously Presented) The monitoring system of claim 415, wherein said processing subsystem includes a display and wherein said processing subsystem is adapted to display a graph plotting said sensor data over time.

421. (Previously Presented) A monitoring system monitoring food present in at least one serving or storage container, said monitoring system comprising:

a sensing subsystem including at least one sensing device generating at least one data stream, said at least one sensing device adapted to be disposed in said at least one serving or storage container having food; and

a processing subsystem nonintegral with said at least one sensing device receiving and processing said at least one data stream,

wherein said at least one data stream includes an identifier, and wherein said at least one sensing devices includes a weight sensor.

422. (Currently Amended) The monitoring system of claim 421, where said sensing subsystem includes a first portable sensor device incorporating a weight sensor and generating a first at least one data stream, and a second portable sensor device also incorporating a weight sensor and generating a second at least one data stream, and wherein said processor processing subsystem receives and processes said first and second data streams.

423. (Previously Presented) The monitoring system of claim 421, wherein said at least one sensing device is a portable device including a battery.

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424. (Previously Presented) The monitoring system of claim 421, wherein said at least one sensing device is a portable device including a dedicated transmitter for wirelessly transmitting sensor data from said sensor device.

425. (Previously Presented) The monitoring system of claim 421, wherein said at least one sensing device is adapted to be inserted into food.

426. (Currently Amended) The monitoring system of claim 421, wherein said ~~processor processing~~ subsystem includes a display, and wherein said ~~processor processing~~ subsystem is adapted to display on said display data generated by said at least one sensing device.

427. (Currently Amended) A monitoring system monitoring food present in at least first and second serving or storage containers, said monitoring system comprising:

a sensing subsystem including first sensing device generating a first at least one data stream and [[a]] second sensing devices device generating first and [[a]] second at least one data streams stream, said first sensing device adapted to be disposed in said first serving or storage container, said second sensing device adapted to be disposed in said second serving or storage container; and

a processing subsystem receiving and processing said first at least one data stream and said second at least one data streams stream,

wherein each of said first and second sensing devices includes a battery, and wherein said first at least one data stream and said second at least one data streams stream each include a battery power level indicator.

428. (Currently Amended) The monitoring system of claim 427, wherein at least one of said sensing devices includes a temperature sensor, and wherein at least one of said first or second at least one data streams includes temperature data.

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429. (Previously Presented) The monitoring system of claim 427, wherein at least said first sensing device is adapted to contact food.

430. (Previously Presented) The monitoring system of claim 427, wherein at least one of said sensing devices is a cooking utensil incorporating a sensor.

431. (Previously Presented) The monitoring system of claim 427, wherein at least one of said sensing devices is probe having an elongated pin section, said elongated pin section incorporating a sensor.

432. (Previously Presented) The monitoring system of claim 427, wherein said each of said first and second sensing devices are adapted to contact food.

433. (Currently Amended) The monitoring system of claim 427, wherein said processing subsystem includes a display, wherein said first at least one data stream and said second at least one data streams stream include sensor data, and wherein said processing system subsystem is adapted to display an alarm indicia on said display if said sensor data of one of said data streams satisfies a predetermined criteria.

434. (Currently Amended) The monitoring system of claim 427, wherein said processing subsystem includes a display, wherein at least one of data streams includes sensor data, and wherein said processing subsystem displays on said display a graph in which said sensor data of at least one of said first at least one data stream and said second [[bit]] at least one data streams stream is plotted over time.

435. (Currently Amended) The monitoring system of claim 427, wherein said processing subsystem includes a display, wherein said first at least one data stream and said second at least one data streams stream include sensor data, and wherein said processing subsystem displays on said display, for a specific time period specified by a user, a first graph in which sensor data is plotted over time for said first sensing devices device, and a second

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graph in which sensor data is plotted over time for said second sensing device, said first and second graphs being displayed simultaneously.

436. (Currently Amended) The monitoring system of claim 427, wherein said ~~processor processing~~ subsystem includes a display, and wherein said ~~processor processing~~ subsystem is adapted to display on said display ~~data~~ battery power level data indicating a battery power level of at least one of said first and second sensing devices.

437. (Previously Presented) The monitoring system of claim 427, wherein each of said first and second sensing devices is a portable device adapted to be removably inserted into food.

438. (Currently Amended) The monitoring system of claim 427, wherein said processing subsystem is adapted to time stamp said first at least one data stream and said second at least one data streams stream.

Claims 439-449 (Cancelled without prejudice or disclaimer)

450. (New) The monitoring system of claim 330, wherein said at least one serving or storage container is a structure including a refrigerated food storage space.

451. (New) The monitoring system of claim 338, wherein said at least one serving or storage container is a structure including a refrigerated food storage space.

452. (New) The monitoring system of claim 351, wherein said at least one serving or storage container is a structure including a refrigerated food storage space.

453. (New) The monitoring system of claim 362, wherein said at least one serving or storage container is a structure including a refrigerated food storage space.

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454. (New) The monitoring system of claim 366, wherein said at least one serving or storage container is a structure including a refrigerated food storage space.

455. (New) The monitoring system of claim 375, wherein at least one of said first and second serving or storage containers is a structure including a refrigerated food storage space.

456. (New) The monitoring system of claim 380, wherein said at least one serving or storage container is a structure including a refrigerated food storage space.

457. (New) The monitoring system of claim 393, wherein said at least one serving or storage container is a structure including a refrigerated food storage space.

458. (New) The monitoring system of claim 404, wherein said at least one serving or storage container is a structure including a refrigerated food storage space.

459. (New) The monitoring system of claim 409, wherein said at least one serving or storage container is a structure including a refrigerated food storage space.

460. (New) The monitoring system of claim 415, wherein at least one of said first and second serving or storage containers is a structure including a refrigerated food storage space.

461. (New) The monitoring system of claim 421, wherein said at least one serving or storage container is a structure including a refrigerated food storage space.

462. (New) The monitoring system of claim 427, wherein at least one of said first and second serving or storage containers is a structure including a refrigerated food storage space.

463. (New) The monitoring system of claim 330, wherein said processing subsystem is in wireless communication with said at least one sensing device.

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464. (New) The monitoring system of claim 338, wherein said processing subsystem is in wireless communication with said at least one sensing device.

465. (New) The monitoring system of claim 351, wherein said processing subsystem is in wireless communication with said at least one sensing device.

466. (New) The monitoring system of claim 362, wherein said processing subsystem is in wireless communication with said at least one sensing device.

467. (New) The monitoring system of claim 366, wherein said processing subsystem is in wireless communication with said at least one sensing device.

468. (New) The monitoring system of claim 375, wherein said processing subsystem is in wireless communication with each of said first and second sensing devices.

469. (New) The monitoring system of claim 393, wherein said sensing subsystem includes first and second sensing devices, and wherein said processing subsystem is in wireless communication with each of said first and second sensing devices.

470. (New) The monitoring system of claim 404, wherein said processing subsystem is in wireless communication with said at least one sensing device.

471. (New) The monitoring system of claim 409, wherein said processing subsystem is in wireless communication with said at least one sensing device.

472. (New) The monitoring system of claim 415, wherein said processing subsystem is in wireless communication with each of said first and second sensing devices.

473. (New) The monitoring system of claim 421, wherein said processing subsystem is in wireless communication with said at least one sensing device.

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474. (New) The monitoring system of claim 427, wherein said processing subsystem is in wireless communication with each of said first and second sensing devices.

475. (New) The monitoring system of claim 330, wherein said at least one sensing device continuously generates data stream data, and wherein said processing subsystem continuously receives data of said data stream data.

476. (New) The monitoring system of claim 338, wherein said at least one sensing device continuously generates data stream data, and wherein said processing subsystem continuously receives data of said data stream data.

477. (New) The monitoring system of claim 351, wherein said at least one sensing device continuously generates data stream data, and wherein said processing subsystem continuously receives data of said data stream data.

478. (New) The monitoring system of claim 362, wherein said at least one sensing device continuously generates data stream data, and wherein said processing subsystem continuously receives data of said data stream data.

479. (New) The monitoring system of claim 366, wherein said at least one sensing device continuously generates data stream data, and wherein said processing subsystem continuously receives data of said data stream data.

480. (New) The monitoring system of claim 375, wherein said first sensing device continuously generates first data stream data, wherein said second sensing device continuously generates second data stream data, and wherein said processing subsystem continuously receives data of said first data stream data and said second data stream data.

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481. (New) The monitoring system of claim 380, wherein said at least one sensing device continuously generates data stream data, and wherein said processing subsystem continuously receives data of said data stream data.

482. (New) The monitoring system of claim 393, wherein said processing subsystem samples data stream data from said first sensing device while said first sensing device is disposed in said first serving or storage container.

483. (New) The monitoring system of claim 404, wherein said at least one sensing device continuously generates data stream data, and wherein said processing subsystem continuously receives data of said data stream data.

484. (New) The monitoring system of claim 409, wherein said at least one sensing device continuously generates data stream data, and wherein said processing subsystem continuously receives data of said data stream data.

485. (New) The monitoring system of claim 415, wherein said first sensing device continuously generates first data stream data, wherein said second sensing device continuously generates second data stream data, and wherein said processing subsystem continuously receives data of said first data stream data and said second data stream data.

486. (New) The monitoring system of claim 421, wherein said at least one sensing device continuously generates data stream data, and wherein said processing subsystem continuously receives data of said data stream data.

487. (New) The monitoring system of claim 427, wherein said first sensing device continuously generates first data stream data, wherein said second sensing device continuously generates second data stream data, and wherein said processing subsystem continuously receives data of said first data stream data and said second data stream data.

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488. (New) The monitoring system of claim 362, wherein said logging icon indicates a sensing device type.

489. (New) The monitoring system of claim 366, wherein said processing system nonintegral with said at least one sensing device is in communication with said at least one sensing device via a hard-wired communication structure.

490. (New) A monitoring system monitoring food present in at least first and second serving or storage containers, said monitoring system comprising:

a sensing subsystem including first and second sensing devices, said first sensing device continuously generating first data stream data and being adapted to be disposed in said first serving or storage container having food, said second sensing device continuously generating second data stream data and being adapted to be disposed in said second serving or storage container; and

a processing subsystem wirelessly receiving and processing data of said first data stream data and said second data stream data,

wherein said first data stream data and said second data stream data include identifier and sensor data, and wherein said processing subsystem continuously receives data of said first data stream data and said second data stream data.

491. (New) The monitoring system of claim 490, wherein said processing subsystem includes a display, wherein said first data stream data includes sensor data, and wherein said processing subsystem displays an alarm indicia on said display if said sensor data satisfies a predetermined criteria.

492. (New) The monitoring system of claim 490, wherein said processing subsystem includes a display, wherein said first data stream data includes sensor data, and wherein said processing subsystem displays on said display a graph in which said sensor data is plotted over time.

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493. (New) The monitoring system of claim 490, wherein said processing subsystem includes a display, wherein said first data stream data and said second data stream data each include sensor data, and wherein said processing subsystem displays on said display, for a specific time period specified by a user, a first graph in which sensor data is plotted over time for said first sensing device, and a second graph in which sensor data is plotted over time for said second sensing device.

494. (New) The monitoring system of claim 490, wherein said processing subsystem is adapted to at least one of time stamp or date stamp received data.

495. (New) The monitoring system of claim 490, wherein at least one of said sensing devices is a portable device including a battery, wherein said data stream data corresponding to said battery-equipped device includes battery power level data, wherein said processing subsystem includes a display, and wherein said processing subsystem displays on said display battery power level data indicating a battery power level of said at least one battery-equipped sensing device.

496. (New) The monitoring system of claim 490, wherein said processing subsystem includes a display, and wherein said processing subsystem is adapted to display on said display said data of said data stream data generated by said at least one sensing device and received by said processing subsystem.

497. (New) The monitoring system of claim 490, wherein said processing subsystem receives and processes said data of said first data stream data and said data of said second data stream data while said first and second sensing devices are disposed in said first and second serving or storage containers.

498. (New) The monitoring system of claim 490, wherein at least one of said first or second serving or storage containers is a structure including a refrigerated food storage space.

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499. (New) The monitoring system of claim 490, wherein said processing subsystem continuously receives said data of said first data stream data at a predetermined sample rate.